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Altri autori (Persone)	KangByeong-Ho RichardsDebbie
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Nota di contenuto	Machine Learning -- A Graph-Based Projection Approach for Semi-supervised Clustering -- Self-organisation in an Agent Network via Multiagent Q-Learning -- Improving Trading Systems Using the RSI Financial Indicator and Neural Networks -- Balanced Student Partitioning to Promote Effective Learning: Applications in an International School -- Data Mining -- Laban-Based Motion Rendering for Emotional Expression of Human Form Robots -- Self-supervised Mining of Human Activity from CGM -- Data Mining Using an Adaptive HONN Model with Hyperbolic Tangent Neurons -- Business Intelligence for Delinquency Risk Management via Cox Regression -- Knowledge Engineering & Ontology -- An Ontology-Based Adaptive Learning System to Enhance Self-directed Learning -- Context-Aware Service Framework for Decision-Support Applications Using Ontology-Based Modeling -- A Disaster Management Metamodel (DMM) Validated --

Another Investigation of an Interontology between Chinese Lexical Systems and Roget's Thesaurus -- Incremental Knowledge Acquisition -- Incremental Knowledge Acquisition Using Generalised RDR for Soccer Simulation -- Incremental System Engineering Using Process Networks -- RDRCE: Combining Machine Learning and Knowledge Acquisition -- Simulated Assessment of Ripple Round Rules -- The Ballarat Incremental Knowledge Engine -- KA Applications in Internet and Mobile Computing -- Finding Relation between PageRank and Voter Model -- Mobile Sync-application for Life Logging and High-Level Context Using Bayesian Network -- Consensus Clustering and Supervised Classification for Profiling Phishing Emails in Internet Commerce Security -- People Recommendation Based on Aggregated Bidirectional Intentions in Social Network Site -- Visualising Intellectual Structure of Ubiquitous Computing -- Acquiring Expected Influence Curve from Single Diffusion Sequence -- KA Applications in Multimedia and Games -- Automatic Speech-Based Classification of Gender, Age and Accent -- MMG: A Learning Game Platform for Understanding and Predicting Human Recall Memory -- Efficient Bulk-Insertion for Content-Based Video Indexing.

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### Sommario/riassunto

th The 11 International Workshop on Knowledge Management and Acquisition for Smart Systems and Services (PKAW 2010) has provided a forum for the past two decades for researchers and practitioners working in the area of machine intelligence. PKAW covers a spectrum of techniques and approaches to implement smartness in IT applications. As evidenced in the papers in this volume, machine intelligence solutions incorporate many areas of AI such as ontological engineering, agent-based technology, robotics, image recognition and the Semantic Web as well as many other fields of computing such as software engineering, security, databases, the Internet, information retrieval, language technology and game technology. PKAW has evolved to embrace and foster advances in theory, practice and technology not only in knowledge acquisition and capture but all aspects of knowledge management including reuse, sharing, maintenance, transfer, merging, reconciliation, creation and dissemination. As many nations strive to be knowledge economies and organizations seek to maximize their knowledge assets and usage, solutions to handle the complex task of knowledge management are more important than ever. This volume contributes towards this goal. This volume seeks to disseminate the latest solutions from the International Workshop on Knowledge Management and Acquisition for Smart Systems and Services (PKAW 2010) held in Daegu, Korea during August 30–31, 2010 in conjunction with the Pacific Rim International Conference on Artificial Intelligence (PRICAI 2010).

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